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20 February 2004

INTELLECTUAL PROPERTY LAW

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- ☐ U.S. Postal Service
- ☐ Via Local Courier
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Mail Stop : Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Attorney Docket: P57023

22858 U.S. PTO
10781748
022004

Submitted herewith is the following patent application:

Inventor: 1) JONG-SANG OH
2) BYUNG-GU CHOE
3) YONG-SEOK PARK

Title: DISTRIBUTED ROUTER WITH PING-PONG PREVENTING
FUNCTION AND PING-PONG PREVENTING METHOD USING
THE SAME

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement, Claim of Priority with a certified foreign priority application and an Assignment identified below:

Verified Showing of Small Entity Status: **NO**
Drawings: Formal drawings, 9 sheets, Figures 1 through 8
Claim of priority under 35 U.S.C. §119: **YES**

** The Republic of Korea Application No. 2003- 10827 filed on 20 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45341 and #45342)

Basic Fee \$385/770	\$770.00
Additional Fees:	
Total number of claims in excess of 20: <u> </u> times \$9/18	\$0.00
Number of independent claims in excess of 3: <u> 1 </u> times \$43/86	\$86.00
Multiple Dependent Claims \$145/290	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	<u>\$896.00</u>

Inventor: 1) JONG-SANG OH
 2) BYUNG-GU CHOE
 3) YONG-SEOK PARK

Title: **DISTRIBUTED ROUTER WITH PING-PONG PREVENTING
FUNCTION AND PING-PONG PREVENTING METHOD USING
THE SAME**

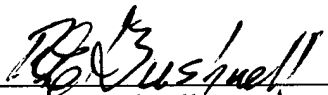
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
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Attorney for the Applicant
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REB/rfc

13281

U.S. PAT. & T.M. OFF.

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	to be assigned
Filing Date	20 February 2004
First Named Inventor	JONG-SANG OH
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT

(\$)896.00

Attorney Docket No.

P57023

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

(CHECK #45341 & #45342)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$ 770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$)770.00

2. EXTRA CLAIM FEES

			Extra Claims		Fee from below		Fee Paid
Total claims	10	-20** =	0	x	18.00	=	0.00
Independent Claims	4	-3** =	1	x	86.00	=	86.00

Multiple Dependent

=

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)86.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840 *	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$ 40.00
1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Complete (if applicable)

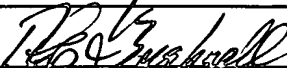
Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature



Date

20 February 2004

Deposit Account User ID

REB/rfc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.